



Attorney Docket No. 0670-0225

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hiroshi MIYAZAWA et al.

Serial No. 09/486,116

Filed: February 18, 2000

For: AN OPTICAL PICKUP APPARATUS

FOR SIMULTANEOUSLY READING

DATA FROM A PLURALITY OF

TRACKS OF AN OPTICAL DISC (AS

AMENDED)

) Group Art Unit: 2655

) Examiner: G. Patel

) CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

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INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Submitted herewith is an *Examiner's Refusal Decision* in counterpart Japanese priority application 9-236475, together with a copy of JP 3-093049 cited therein and its English abstract. It is further noted that JP 03-093049 includes the following disclosure:


[Claim 2] A multi-beam optional reproduction apparatus which reads out information of a plurality of tracks on an optical disk using a plurality of light beams created by a diffraction lattice, the apparatus comprising: detection means for detecting an amount of off tracks using the reflected beam (from the optical disk) of light beams other than a center beam; rotation means for rotating the diffraction lattice around a predetermined axis; and drive means for driving the rotation means in

correspondence to the amount of all tracks detected by the detection means.

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,



Eric J. Robinson
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/486,116
				Filing Date	February 18, 2000
				First Named Inventor	Hiroshi MIYAZAWA
				Group Art Unit	2655
				Examiner Name	G. Patel
				Attorney Docket Number	0670-225
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

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FOREIGN PATENT DOCUMENTS								
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		JP	03-093049			04/18/1991		Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Examiner's Refusal Decision, Patent Application No. 236475/1997, Japanese Patent Office, August 18, 2003.	Full

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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